Registration No.: Paper	Paper Code:B	
COURSE CODE : INT213		
COURSE NAME : PYTHON PROGRAMMING		
	n will be	
PART A	ignated space.	
O1. a) Differentiate between keyword and variable. b) Differentiate between for loop and while loop. c) Write a program to find the length of list. d) Differentiate between aliasing and copying a dictionary. e) What are the different modes used in files. f) Define polymorphism. g) Define function overloading. h) What is a graph? Write down the applications of graph. i) What do you mean by clustering? j) What is dynamic programming? PART B	[2 Marks] [2 Marks]	
Q2. a) What do you mean by recursion? Write a python program to calculate the factorial of a recursion. OR	number using [10 Marks]	
b) i) Write a python program to compare two strings. ii) Differentiate between formal arguments and actual arguments with example.	[5 Marks] [5 Marks]	
Q3. a) Define dictionary. Write a python program to add, delete, count, and copy the dictionary OR	. [10 Marks]	
b) i) Write a python program to proste a logic form union CUII		

 b) i) Write a python program to create a login form using GUI. ii) Write a python program to swap two values using tuples.

[5 Marks] [5 Marks]

Q4. a) What do you mean by OOPS? Write down the features of OOPS.

[10 Marks]

OR b) i) Write a python program to copy the content of one file into another file.

ii) Write a python program to illustrate the concept of pickling

[5 Marks] [5 Marks]

Q5. a) What do you mean by inheritance? Write a python program to implement single level inheritance.

OR

b) i) What do you mean by knapsack problem?

[5 Marks]

[10 Marks]

Write a python program to create a graph.

[5 Marks]

Q6. a) What do you mean by divide and conquer approach? Write a python program to implement binary search. [10 Marks]

OR

[5 Marks]

[5 Marks]

b) i) Write a python program to calculate the Fibonacci series using dynamic programming ii) Explain python dictionary with an example .

End of augetion